

Amendments to the Abstract:

In the English translation document, please add the abstract at page 25 line 1, as follows:

-- Abstract

Layered systems in prior art are inefficient at cooling an external hot gas. The inventive layered system comprises an external porous layer, in which the pore walls of the pores have differing thicknesses. This improves the cooling action by preventing too much heat from entering the layered system.--